

Title (en)

Time fuse link current transformer trip system for circuit breaker

Title (de)

Schutzschalter mit Zeitsicherungs-Stromumwandlungs-Auslösungssystem

Title (fr)

Système de déclenchement de transformateur de courant avec liaison de fusée à retard pour disjoncteur

Publication

EP 2079140 B1 20161116 (EN)

Application

EP 08100413 A 20080114

Priority

EP 08100413 A 20080114

Abstract (en)

[origin: EP2079140A1] Protection circuitry for a three phase (L1, L2, L3) electrical supply system using a trip actuator (TC). The protection circuitry for each phase (L1, L2, L3) has a current transformer (CT1, CT2, CT3), each current transformer (CT1, CT2, CT3) having a primary side which is connected to the phase (L1, L2, L3), and a secondary side. A fuse (FA, FB, FC) is connected to two secondary terminals of the secondary side of the current transformer (CT1, CT2, CT3). The fuse (FA, FB, FC) is used as a sensor for generating a trip actuating signal for the trip actuator (TC).

IPC 8 full level

H02H 1/06 (2006.01); **H02H 3/08** (2006.01)

CPC (source: EP)

H02H 1/0007 (2013.01); **H02H 1/063** (2013.01); **H02H 3/083** (2013.01)

Cited by

US9048744B2; US9948204B2; US8797767B2; US9379627B2; US9444367B2; US9479082B2; US10141868B2

Designated contracting state (EPC)

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